# Table 7a - Project Budget

### Proposal Title: EASTERN SAN JOAQUIN REGION IRWM PROGRAM ROUND 1 IMPLEMENTATION GRANT PROPOSAL

Project Title: City of Stockton - High Efficiency Toilet Direct Installation Phase II - Program Expansion to Residential Customers (HET Residential Program)

		(a)	(b)	(c)	(d)	(e)
	Budget Category	Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$23,163	\$0	\$0	\$23,163	100%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/Environmental Documentation	\$21,806	\$0	\$0	\$21,806	100%
(d)	Construction/Implementation	\$0	\$196,000	\$0	\$196,000	0%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$26,908	\$0	\$0	\$26,908	100%
(g)	Other Costs - CII HET Installations	\$150,000	\$0	\$0	\$150,000	100%
(h)	Const./Imp. Contingency - Residential HET Installations	\$0	\$0	\$0	\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$221,877	\$196,000	\$0	\$417,877	53%
*a, c, and f are	provided through staff in-kind and g is provided as cash in-kin	d.				

# Table 7b - Project Budget

#### Proposal Title: EASTERN SAN JOAQUIN REGION IRWM PROGRAM ROUND 1 IMPLEMENTATION GRANT PROPOSAL

Project Title: Stockton East Water District 35 Acre Recharge Pond and Conjunctive Use Project

		(a)	(b)	(c)	(d)	(e)
	Budget Category	Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$40,524	\$0	\$0	\$40,524	100%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$31,654	\$0	\$0	\$31,654	100%
(d)	Construction/Implementation 1	\$140,361	\$1,149,644	\$0	\$1,290,005	11%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$2,624	\$0	\$0	\$2,624	100%
(f)	Construction Administration	\$11,695	\$0	\$0	\$11,695	100%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$0	\$0	\$0	\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$226,858	\$1,149,644	\$0	\$1,376,502	16%

\*a, c, e, f and the portion of d used for removal of sludge are provided in-kind.

<sup>1.</sup> Includes 20% Contingency

	Table 8 - Summary Budget												
Proposal Title: EASTERN SAN JOAQUIN REGION IRWM PROGRAM ROUND 1 IMPLEMENTATION GRANT PROPOSAL													
	Individual Project Title	Non-State Share (Funding Match)	Requested Grant Funding (DWR Grant Amount)	Other State Funds Being Used	Total	% Funding Match							
(a)	Stockton HET Residential	\$ 221,877	\$ 196,000	\$ -	\$ 417,877	53%							
(b)	SEWD 35 Acre Recharge	\$ 226,858	\$ 1,149,644	\$ -	\$ 1,376,502	16%							
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$ 448,736	\$ 1,345,644	\$ -	\$ 1,794,380	25%							

	City of Stockton - High Efficie	ncy Toilet	Direct In	stallation	Phase I	I —				
	Program Expansion to Residential (	Customers	(HET Re	sidential F	rogram	) - Detai	il			
			GBA	Staff		City o	of Stockton	MUD Staff		
Task#	Task Description	Water Resources Coordinator	Sr. Engineer	Mgmt. Analyst	Legal Counsel	Deputy Director	Program Manager	Conservation Manager	Labo	or Subtotal
	Fully Loaded Labor Rates <sup>1</sup>	\$197	\$169	\$112	\$250	\$132	\$106	\$92		
Task 1	Grant Administration									
1A	Contract Administration	1	8	0	2	1	4	1		17
1B	Inter-Agency Agreement	4	8	8	8	1	8	8		45
	Subtotal Hours	5	16	8	10	2	12	9		62
	Subtotal Cost	\$985	\$2,709	\$896	\$2,500	\$263	\$1,270	\$825	\$	9,448
Task 2	Labor Compliance Plan (Optional)	0	0	0	0	0	0	0		0
	Subtotal Hours	0	0	0	0	0	0	0		0
	Subtotal Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$	-
Task 3	Departing	4	40	40			40	40	₩	400
Task 3	Reporting Subtotal Hours	4	16 <b>16</b>	16 16	0	4	40 <b>40</b>	40 <b>40</b>		120 120
	Subtotal Hours Subtotal Cost	-	\$2,709	\$1,792	\$0	\$526	\$4,234	\$3,666	\$	13,715
	Subtotal Cost	\$700	\$2,709	ֆ1,79Z	φU	<b>\$</b> 320	\$4, <b>2</b> 34	\$3,000	- P	13,713
Task 4	HET Residential Progam Development									
4A	Develop HET Residential Program	0	4	0	0	8	40	40		92
4B	Develop Marketing and Outreach Components	0	0	0	0	8	8	40		56
4C	DAC Specific Marketing and Outreach	0	4	8	0	4	8	40		64
	Subtotal Hours	0	8	8	0	20	56	120		212
	Subtotal Cost	\$0	\$1,354	\$896	\$0	\$2,630	\$5,928	\$10,998	\$	21,806
Task 5	HET Residential Program Implementation and and Administr	ation								
5A	Prequalification of Plumbing Contractors					8	16	16		40
5B	Resident Inquiries						16	40		56
5C	Progam Administration					16	40	120		176
	Subtotal Hours	0	0	0	0	24	72	176		272
	Subtotal Cost	\$0	\$0	\$0	\$0	\$3,156	\$7,621	\$16,130	\$	26,908
	Total HOURS	9	40	32	10	50	180	345		666
	Total COST	\$1,773	\$6,772	\$3,584	\$2,500	\$6,576	\$19,053	\$31.619	\$	71,877

Fully Loaded HET Direct Installation Costs											
	Cos	t per HET Unit	Units		Subtotal otal Cost						
Commercial, Industrial, and Commercial HET Direct Installations <sup>2</sup>	\$	417	360	\$	150,000						
Residential HET Direct Installations <sup>3</sup>	\$	490	400	\$	196,000						

Total Project Cost \$ 417,877

#### Notes:

- 1. Fully loaded labor rates were obtained from the San Joaquin County Department of Public Works for the GBA and the City of Stockton MUD.
- 2. Fully Loaded HET Direct Installation Rates for CII customers assumes a basic service fee of up to three HET replacements per site at \$200 for the 1st replacement, an additional \$90 per additional replacement, \$225 per two-piece, elongated HET with split seat, wax ring, bolt kit, and \$65 for flange replacement, angle stop, suply line, labor and materials.
- 3. Fully Loaded HET Direct Installation Rates for Residential customers assumes a \$200 basic service fee per HET replacement, \$225 per two-piece, elongated HET with split seat, wax ring, bolt kit, and \$65 for flange replacement, angle stop, suply line, labor and materials.

Stockton East Water District 35 Acre Recharge Pond and Conjunctive Use Project - Detail																	
			Labor Hours														
				GBA	\ Staff			SEWD							Direct Cost		
Task#	Task Description		Water Resources Coordinator	Sr. Engineer	Mgmt. Analyst	Legal Counsel	General Manager	Asst. General Manager	Staff Engineer	Legal	Labor Subtotal	Consultant	Contractors	Other	Subtotal		Total Cost Per Task
			\$197	\$169	\$112	\$250	\$115	\$88	\$78	\$250							
																4 —	
Task 1	Grant Administration																
1ASK 1	Contract Administration		1	8	0	2	1	4	0	1					· -	$\dashv$	
1B	Inter-Agency Agreement		4	8	8	12	1	8	0	4	+						
.5	Intel Agency Agreement	Subtotal Hours	5	16	8	14	2	12	0	5	62					1	
		Subtotal Cost		\$2,709	\$896	\$3,500	\$229	\$1,061	\$0	\$1,250	\$ 10,630				\$ -	\$	10,630
							·		·								
Task 2	Labor Compliance Plan																
2A	Develop LCP		0	0	0	0	0	4	8	0							
2B	Implement LCP		0	0	0	0	0	4	8	0							
		Subtotal Hours	0	0	0	0	0	8	16	0	24						
		Subtotal Cost	\$0	\$0	\$0	\$0	\$0	\$707	\$1,248	\$0	\$ 1,956	\$ 12,000			\$ 12,000	) \$	13,956
Table	Deporting					_		60	40		<del>                                     </del>					-	
Task 3	Reporting	Subtotal Hours	4 4	16 <b>16</b>	16 <b>16</b>	0	4 <b>4</b>	80 <b>80</b>	40 <b>40</b>	0 <b>0</b>	160						
		Subtotal Cost	\$788	\$2,709	\$1,792	\$0	\$459	\$7,070	\$3,121	\$0	\$ 15,939				\$ -	\$	15,939
		Subtotal Cost	\$100	\$2,709	\$1,792	<b>\$</b> 0	<b>\$459</b>	\$7,070	\$3,121	<b>\$</b> 0	\$ 15,939				3 -	1 3	15,959
Task 4	Final Design										+						
4A	60% Design (Completed)		0	0	0	0	4	0	80	0						_	
4B	90% Design		0	0	0	0	8	0	120	0						_	
4C	100% Design		0	0	0	0	4	0	40	0						_	
_		Subtotal Hours	0	0	0	0	16	0	240	0	256						
		Subtotal Cost	\$0	\$0	\$0	\$0	\$1,834	\$0	\$18,727	\$0	\$ 20,561				\$ -	\$	20,561
Task 5	Environmental Documentation (Completed)																
5A	Develop IS/MND		0	0	0	0	0	0	0	0							
5B	Certification and Filing		0	0	0	0	1	2	0	0							
		Subtotal Hours	0	0	0	0	1	2	0	0	3						
		Subtotal Cost	\$0	\$0	\$0	\$0	\$115	\$177	\$0	\$0	\$ 291	\$ 6,000			\$ 6,000	) \$	6,291
<b>-</b>	B 101																
Task 6	Permitting  Stormwater Construction Constal Permit		0	0	0	0	0	2	0	0					<u> </u>		
6A	Stormwater Construction General Permit	Subtotal Hours	0 <b>0</b>	0 <b>0</b>	0 <b>0</b>	0 <b>0</b>	0 <b>0</b>	2 2	8 <b>8</b>	0 <b>0</b>	10				· -		
		Subtotal Cost		\$0	\$0	\$0	\$0	\$177	\$624	\$0	\$ 801	\$ 4,000			\$ 4,000	\$	4,801
		Subtotal Cost	φ0	φυ	<b>40</b>	<b>40</b>	φ0	φιτι	9024	φ0	Ψ 001	4,000			4,000	4 🕌	4,001
Task 7	Construction Contracting																
7A	Develop Advertisenment for Bids		0	0	0	0	2	8	8	0							
7B	Administer Bid Process		0	0	0	0	0	8	4	0							
7C	Execute Final Contract		0	4	8	0	1	8	0	2							
		Subtotal Hours	0	4	8	0	3	24	12	2	53						
		Subtotal Cost	\$0	\$677	\$896	\$0	\$344	\$2,121	\$936	\$500	\$ 5,475				\$ -	\$	5,475
Took 0	Construction																
Task 8 8A	Construction Earth Work (Completed)		0	0	0	0	0	0	0	0	<del>                                     </del>		\$ 134,887		\$ 134,887	, –	
8A 8B	See Engineer's Estimate		0	0	0	0	0	0	0	0	+		\$ 1,149,644		\$ 1,149,644		
8C	Performance Testing		0	0	0	0	0	8	40	0	<del>                                     </del>		φ 1,149,044		<b>Φ</b> 1,149,642		
30	. Shormanoo roomiy	Subtotal Hours	0	0	0	0	0	8	40	0	48						
		Subtotal Cost		\$0	\$0	\$0	\$0	\$707	\$3,121	\$0	\$ 3,828	\$ -	\$ 1,284,531	\$ -	\$ 1,284,531	\$	1,288,359
									,				,,		,,,	TÈ	1,211,100
Task 9	Enviro. Compliance, Mitigation , and Enhancement																
9A	Pre-Construction Survey		0	0	0	0	0	0	8	0							
		Subtotal Hours	0	0	0	0	0	0	8	0	8						
		Subtotal Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$624	\$0	\$ 624	\$ 2,000			\$ 2,000	\$	2,624
T1: 40	Construction Administration		_		_	_	_	- 10		_							
Task 10	Construction Administration	Cubtotal II-	0	0	0	0	8	16 <b>\$16</b>	120	0	144						
		Subtotal Hours Subtotal Cost		\$0 \$0	\$0 \$0	\$0 \$0	\$8 \$917	\$16 \$1,414	\$120 \$9,364	\$0 \$0	144 \$ 11,695	\$ -			s -	\$	11,695
		Subtotal Cost	φυ	φU	φυ	φυ	ф <b>э</b> 11	φ1,414	<b></b> \$9,304	φU	580,11 پ	\$ -			\$ -	- P	11,095
											<del>                                     </del>						
		Total HOURS	9	36	32	14	34	152	484	7	768						
		Total COST		\$6,095	\$3,584	\$3,500	\$3,898	\$13,434	\$37,767		\$ 71,800				\$ 1,308,531	\$	1,380,331
-																	

ENGINEERS ESTIMATE 35	ACRE SITE	GROUND	WA	TER RE	CH/	ARGE AN	D CO	NJU	INCTIVE	USE PR	DJECT		
Estimate: <b>SEWD Engineering</b> Estimator: <b>AL</b> Date: <b>06</b>	/08/10												
Job: USACE Construction Contract			KMK Da	ate: <b>06/08/1</b>	0								
Address: 6767 E. Main St. Stockton, CA 95215													
Job Description: Pipeline & Groundwater													
Recharge Construction				Ma	teria	ıl		L	abor & Eq	uiptment			
Item or Description	Qty	Unit	Ur	nit Cost		Ext		U	nit Cost	Ext			Total Cost
Mobilization & Clean Up	1	LS	\$	-	\$	-		\$	30,000	\$ 30,00	)	\$	30,000
Project Survey Services	120	HRS	\$	-	\$	-		\$	350	\$ 42,00	)	\$	42,000
Modify (E) Plumbing at Water Sources	2	EA	\$	1,000	\$	2,000		\$	250	\$ 50	)	\$	2,500
Install 18" Pipe Above Ground	300	LF	\$	17	\$	5,190		\$	4	\$ 1,20	)	\$	6,390
Install Above Ground Pipeline Constraints	30	EA	\$	15	\$	450		\$	8	\$ 24	5	\$	696
Install 18" Pipe Under Ground	2,720	LF	\$	14	\$	39,114		\$	25	\$ 68,00	)	\$	107,114
Install Inline 18" Butterfly Valve	2	EA	\$	1,800	\$	3,600		\$	250	\$ 50	)	\$	4,100
Install 24" Slide Gate Valve	1	EA	\$	1,400	\$	1,400		\$	300	\$ 30	)	\$	1,700
Remove Well Housing, Extend Well Pipe & Cap	1	LS	\$	500	\$	500		\$	500	\$ 50	)	\$	1,000
Install Stormwater Treatment Devices	1	LS	\$	6,000	\$	6,000		\$	2,000	\$ 2,00	)	\$	8,000
Cut Cells 2 ft Down	20	AC	\$	-	\$	-		\$	4,865	\$ 99,00	3	\$	99,003
Rip Cells 3-1/2 ft Deep	20	AC	\$	-	\$	-		\$	800	\$ 16,28	)	\$	16,280
Construct Ridges in all Cell Areas	24,000	LF	\$	-	\$	-		\$	2	\$ 48,00	)	\$	48,000
Construct 12' Maintenance Roads[a]	6,800	LF	\$	-	\$	-		\$	10	\$ 68,00	)	\$	68,000
Construct 24' Maint Rd with base[a]	2,400	LF	\$	33	\$	79,200		\$	100	\$ 240,00	)	\$	319,200
Construct Access Ramps	9	EA	\$	-	\$	-		\$	533	\$ 4,79	7	\$	4,797
Construct Pipe Outlets w/ 18" Butterfly Valves	7	EA	\$	3,219	\$	22,533		\$	700	\$ 4,90	)	\$	27,433
Construct V-Ditch	1,640	LF	\$	-	\$	-		\$	2	\$ 3,28	)	\$	3,280
Install Culvert Pipes under Access Ramps	100	LF	\$	25	\$	2,500		\$	25	\$ 2,50	)	\$	5,000
50ft wide rolling double gate	1	LS	\$	2,500	\$	2,500		\$	2,500	\$ 2,50	)	\$	5,000
Final grade on Banks, Roads & Fill Areas	70,000	SY	\$	-	\$	-		\$	1	\$ 70,00	)	\$	70,000
										Materia	Sub-Total	\$	164,987
									,	Tax on all material 9%		<u> </u>	14,849
										Labo	Sub-Total	\$	704,506
								Con	tractor Ove	verhead and Profit 15%			132,651
								-	20.3. 01	Contin			
												132,651	
								To	tal Constr	\$	1,149,644		